



Figure 8. Comparison of ozone profiles generated by the RAQMS assimilation (triangles) compared with measurements from the SBUV archive (crosses) and ozonesonde measurements (small circles) for July 4, 1999. The large circles are ozone concentrations from the Logan (1999) climatology at 500 hPa, 200 hPa, and 100 hPa; these concentrations are used to correct the stratospheric column ozone (SCO) above the tropopause using the empirical correction technique of Fishman et al. (2003).